

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-11. (Cancelled)

12. (New) A motor drive type throttle valve control apparatus, comprising:

a throttle body valve in which an intake air passage is formed;

a throttle valve for controlling an amount of intake air flowing through said intake air passage;

a throttle shaft associated with said throttle valve;

a motor casing located adjacent to said intake air passage on a side of said throttle body and parallel with said throttle shaft; and

a reduction gear mechanism for transmitting motor torque to the throttle shaft,

wherein said motor casing has an internal surface with a flat portion so that a shaft supporting an intermediate gear of said reduction gear portion is insertable along said flat portion.

13. (New) The apparatus according to Claim 12, wherein said motor casing has a second flat portion which is formed opposite and parallel to the first-mentioned flat portion.

14. (New) The apparatus according to Claim 13, wherein a motor housed in said motor casing has flat yoke surfaces opposite to said flat portions of said internal surface.

15. (New) The apparatus according to Claim 13, wherein said flat portions extend to a position at a wall of the intake air passage where cooling of said motor is most effective.

16. (New) The apparatus according to Claim 13, wherein said flat portions extend to at least a portion at a wall of the intake air passage where a centerline of the intake air passage perpendicular to the throttle shaft intersects said flat portions.

17. (New) The apparatus according to Claim 13, wherein said flat portions extend to at least a portion intersecting a wall of the intake air passage where a diameter of the intake air passage is perpendicular to the flat shaft.